

Title (en)

Burner apparatus for the combustion chamber of a burner, in particular for raising the temperature of the exhaust gas of a combustion engine of a motor vehicle

Title (de)

Brennervorrichtung für den Brennraum eines Brenners, insbesondere zur Anhebung der Abgastemperatur einer Brennkraftmaschine eines Kraftfahrzeugs

Title (fr)

Dispositif de brûleur pour la chambre de combustion d'un brûleur, notamment pour renforcer la température des gaz d'échappement d'un moteur à combustion interne d'un véhicule automobile

Publication

EP 2597368 B1 20161019 (DE)

Application

EP 12007817 A 20121120

Priority

DE 102011119163 A 20111123

Abstract (en)

[origin: EP2597368A2] The burner device (1) comprises several flow channels (5,6) having flow cross-sections that change in the direction of flow. Each of the flow channels have a channel portion (7) with a smaller flow cross-sectional area, in which no ignition mixture flows through, and a channel portion (8) with a larger flow cross-sectional, in which an ignition mixture flows through. The channel portions of flow channels are arranged adjacent to each other. The channel walls of the flow channels comprise at least partially of angled metal foils (2,3).

IPC 8 full level

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CPC (source: EP US)

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